

WORLD FAMOUS ELECTRONICS LLC.

www.pulsesensor.com

PULSE SENSOR EASY TO USE HEART RATE SENSOR & KIT



General Description

The Pulse Sensor is the original low-cost optical heart rate sensor (PPG) for Arduino and other microcontrollers. It's designed and made by World Famous Electronics, who actively maintain extensive example projects and code at: www.pulsesensor.com

Features

- Includes Kit accessories for high-quality sensor readings
- Designed for Plug and Play
- Small size and embeddable into wearables
- Works with any MCU with an ADC
- Works with 3 Volts or 5 Volts
- Well-documented Arduino library

Absolute Maximum Ratings

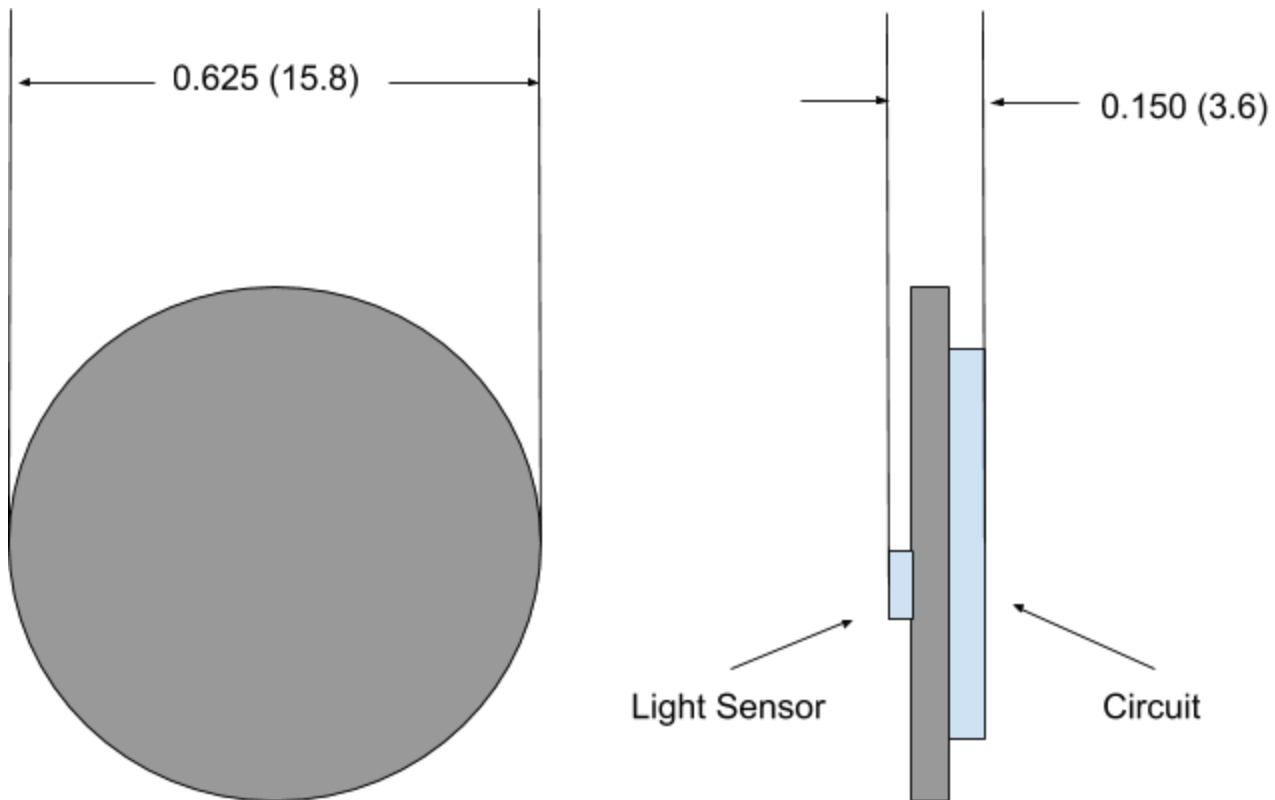
	Min	Typ	Max	Unit
Operating Temperature Range	-40		+85	°C
Input Voltage Range	3		5.5	V
Output Voltage Range	0.3	Vdd/2	Vdd	V
Supply Current	3		4	mA

Pulse Sensor Kit Contents



Pulse Sensor Optical Heart Rate Monitor

Physical Dimensions PCB inch(mm)



Cable Specs

- Length 610 mm (24 inches)
- 26 Gauge
- PVC Insulation, Ribbon Style
- Male Header Termination
 - Black Wire = GND
 - Red Wire = Vdd
 - Purple Wire = Pulse Signal

